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**Sent:** 3/11/2018 6:21:42 PM  
**To:** Tarr, Jeremy M [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=98859532088e4437968231eb6fef6b70-jmtarr1]  
**Subject:** Fwd: [External] Fwd: NCEL First in Science: New Study Finds Wood to be Poor Alternative to Coal

FYI

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**Date:** March 11, 2018 at 5:17:01 PM EDT  
**To:** <info@roycooper.com>, <Ken Eudy> <bob.inglis@energyandenterprise.com>, <mjackson@nexusstrategies.com>, <castanea@bellsouth.net>, <NRDCAdams@aol.com>, <fannand@tnc.org>, <harvardgayers@gmail.com>, <rbarcott@doubletimecapital.com>, <tbatten@charlotteobserver.com>, <mbooth@pfpi.net>, <lbrasher@bsc.edu>, <tbutler@gmavt.net>, <derbc@selcnc.org>, <normc@duke.edu>, <ann.colley@moorecap.com>, <molly.diggins@sierraclub.org>, <pduffy@whrc.org>, <tomearnhardt@nc.rr.com>, <FROELICH@MAGNET.FSU.EDU>, <fdgabel@gmail.com>, <pat.gallagher@sierraclub.org>, <andrew.george08@gmail.com>, <djgerken@selcnc.org>, <tim@ncwf.org>, <mikeg@nccoast.org>, <WGOLDER@audubon.org>, <bobbi@alumni.duke.edu>, <priceyharrison@me.com>, <bhenderson@charlotteobserver.com>, <hugh\_irwin@twis.org>, <kkimmell@ucsusa.org>, <skleberg@earthlink.net>, <fkoster234@aol.com>, <fred@ecostewards.org>, <annie.leonard@greenpeace.org>, <mleonard@wcsr.com>, <jayerskine01@gmail.com>, <julie@mountaintrue.org>, <chuck.mcgrady@ncleg.net>, <TOM.MCINNIS@ncleg.net>, <bill@350.org>, <rmiddleton@selcva.org>, <bmsil1@yahoo.com>, <bruce.nilles@sierraclub.org>, <tvannoppen@earthjustice.org>, <mdbnowlin@gmail.com>, <dorr@oberlin.edu>, <vpatton@edf.org>, <rperkowitz@gmail.com>, <epica@foe.org>, <stuartpimm@me.com>, <robert@robertpittenger.com>, <mpostman@waterkeeper.org>, <bprater@defenders.org>, <Tim.Profeta@duke.edu>, <drader@edf.org>, <brandon.renz@mail.house.gov>, <curtr@duke.edu>, <johnr@greathornproperties.com>, <jhr@tigerfund.com>, <action@environmentnorthcarolina.org>, <schlesin@duke.edu>, <ltseydel@mindspring.com>, <davidshi51@gmail.com>, <danna@dogwoodalliance.org>, <sasmith@cleanenergy.org>, <gus@speth.com>, <jsteelman@nrdc.org>, <joshhstein@gmail.com>, <tsteyer@fahrllc.com>, <rssuh@nrdc.org>, <ron@wildlandsnetwork.org>, <htruax@edf.org>, <jeff.vincent@duke.edu>, <jwalke@nrdc.org>, <lane.wallace@gmail.com>, <jim@ncwarn.org>, <Jwear@catawba.edu>, <dwells1929@gmail.com>, <reid.wilson@ncdcr.gov>, <awood@coastalplaincg.org>, <gwoodwell@whrc.org>, <bredl@skybest.com>  
**Subject:** [External] Fwd: NCEL First in Science: New Study Finds Wood to be Poor Alternative to Coal

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Fred Stanback  
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"I'd put my money on solar energy. I hope we don't have to wait till oil and coal run out before we tackle that" Thomas Edison

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From: [jmauk@ncel.net](mailto:jmauk@ncel.net)  
To: [stanbackf@aol.com](mailto:stanbackf@aol.com)  
Sent: 3/8/2018 9:39:19 AM Eastern Standard Time  
Subject: NCEL First in Science: New Study Finds Wood to be Poor Alternative to Coal



## **First in Science: Burning Wood for Energy Will Worsen Climate Change in Coming Decades**

Many people believe that wood is better for the environment compared to coal. However, researchers have found that burning wood will only continue to worsen climate change.

**The Study:** A group of researchers studied the life cycle of wood used for energy compared to coal. This allowed for an analysis of carbon emissions from tree growth through fuel combustion.

**Results & Significance:** The researchers determined that wood does not have a smaller carbon footprint than coal. In fact, wood has a lower combustion efficiency and creates more emissions from the supply chain and processing as compared to coal. While trees can be replanted to both sequester carbon and to use for future energy, it takes 44-104 years for a forest to fully regrow, assuming it is not converted into development during that time.

## Resources

- The full article is available online through [Environmental Research Letters](#).
- Articles about the study can be found through [Anthropocene Magazine](#) and [MIT Sloan School of Management](#).
- [Contact NCEL](#) if you would like assistance with clean energy issues in your state.
- Read this story on NCEL's [website](#).

*Easily access more legislative resources at [ncel.net](#) and landmark state environmental laws at [envirolaws.org](#), a partnership between NCEL and the USC Schwarzenegger Institute.*



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